



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	DOCKET NO.: 700157/47483 C	SERIAL NO.: 09/470,276
	APPLICANT(S): Kolodner et al.	
	FILING DATE: December 22, 1999	GROUP NO.: 1655

**UNITED STATES PATENT DOCUMENTS**

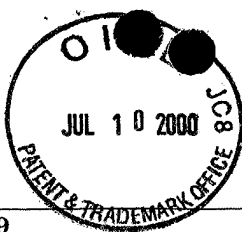
EXAM. INITIALS		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
~	AA	WO 95/15381/ A	8 June 1995				
↓	AB	WO 95/16793 A	22 June 1995				
↓	AC	WO 95/14085	26 May 1995				
~	AD	WO 96/41192 A	19 December 1996				

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

~	BA	N. M. Hollingsworth et al., "MSH5, A Novels MUTS Homolog, Facilitates Meiotic Reciprocal Recombination Between Homologs In <i>Saccharomyces Cerevisiae</i> But Not Mismatch Repair," <i>Genes and Development</i> ," 9(14):1728-1739, 1995
↓	BB	S. Acharya et al., "hMSH2 Forms Specific Mispair-Binding Complexes with hMSH3 and hMSH6," <i>Proc. Natl. Acad. Sci. USA</i> , 93:13629-13634, 1996
↓	BC	B. Liu et al., "Analysis of Mismatch Repair Genes in Hereditary Non-Polyposis Colorectal Cancer Patients," <i>Nature Medicine</i> , 2(2):169-174, 1996
↓	BD	S. Bawa et al., "A Mutation in the MSH5 Gene Results in Alkylation Tolerance," <i>Cancer Research</i> , 57:2715-2720, 1997
↓	BE	DATABASE EMBL Accession No.: AF048986, 6 May 1998, C. Her et al., "Homo Sapiens MutS Homolog 5 (MSH5) mRNA."
↓	BF	DATABASE EMBL Accession No.: AF034759, 2 December 1997, T. Bocker et al., "Homo Sapiens MutS Homolog 5 (MSH5) mRNA."
↓	BG	DATABASE EMBL Accession No.: AA120437, 21 November 1996, M Marra et al., "Mus Musculus cDNA Clone 541052."
~	BH	V. Schlensog et al., "The <i>Escherichia coli</i> fdv Gene Probably Encoded MutS and is Located at Minute 58.8 Adjacent to the hyp-hyc Gene Cluster," <i>J. Bacteriol.</i> , 173(23):7414-7415, 1991



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✓	BI	M. Strand et al., "Destabilization of Tracts of Simple Repetitive DNA in Yeast by Mutations Affecting DNA Mismatch Repair," <i>Nature</i> , 365:274-276, 1993	
	BJ	L.A. Aaltonen et al., "Clues to the Pathogenesis of Familial Colorectal Cancer," <i>Science</i> , 260:812-816, 1993	
	BK	S.N. Thibodeau et al., "Microsatellite Instability in Cancer of the Proximal Colon," <i>Science</i> , 260:816-819, 1993	
	BL	P. Peltomäki et al., "Genetic Mapping of a Locus Predisposing to Human Colorectal Cancer," <i>Science</i> , 260:810-812, 1993	
	BM	M.J. Hughes et al., "The Purification of a Human Mismatch-Binding Protein and Identification of its Associated ATPase and Helicase Activities," <i>J. Biol. Chem.</i> , 267(3):23876-23882, 1992	
	BN	R.A.G. Reenan et al., "Isolation and Characterization of Two <i>Saccharomyces cerevisiae</i> Genes Encoding Homologs of the Bacterial HexA and MutS Mismatch Repair proteins," <i>Genetics</i> , 132(4):963-973, 1992	
	BO	L. New et al., "The Yeast Gene MSH3 Defines a New Class of Eukaryotic MutS Homologues," <i>Mol. General Genetics</i> , 239:97-108, 1993	
	BP	R. Fishel et al., "The Human Mutator Gene Homolog MSH2 and its Association with Hereditary Nonpolyposis Colon Cancer," <i>Cell</i> , 75(5):1027-1038, 1993	
	BQ	R. Fishel et al., Erratum, <i>Cell</i> , 77(1):167, 1994	
	BR	F.S. Leach et al., "Mutations of a MutS Homolog in Hereditary Nonpolyposis Colorectal Cancer," <i>Cell</i> , 75(6):1215-1225, 1993	
✓	BS	C.E. Bronner et al., "Mutation in the DNA Mismatch Repair Gene Homologue hMLH1 is Associated with Hereditary Non-Polyposis Colon Cancer," <i>Nature</i> , 368:258-26, 1994	
✓	BT	J. Jiricny, "Colon Cancer and DNA Repair: Have Mismatches Met Their Match?" <i>Trends in Genetics</i> , 10 (5):164-168, 1994	
EXAMINER:		DATE: 2/6/01	